

ZOO & WILDLIFE BIOLOGY (B.S.) - RESIDENT

Important: This degree plan is effective for those starting this degree program in fall 2022 through summer 2023. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations, or cognates.

General Education/Foundational Skills Requirements

Code	Title	Hours
Communication & Information Literacy ¹		
ENGL 101	Composition and Rhetoric	3
INQR 101	Inquiry	1
	Communications Elective	3
	Information Literacy Elective	3
	Information Literacy Elective	3
Technological Solutions & Quantitative Reasoning ¹		
UNIV 101	Foundational Skills	1
	Math Elective MATH 114 or higher	3
	Technology Competency ²	0-3
Critical Thinking ¹		
RLGN 105	Introduction to Biblical Worldview ³	2
RSCH 201	Research	3
	Critical Thinking Elective	3
Civic & Global Engagement ¹		
EVAN 101	Evangelism and the Christian Life ³	2
	Cultural Studies Elective	3
Social & Scientific Inquiry ¹		
	Natural Science Elective	3
	Social Science Elective ⁴	3
Christianity & Contexts ¹		
BIBL 105	Old Testament Survey	2
BIBL 110	New Testament Survey	2
THEO 201	Theology Survey I ³	2
THEO 202	Theology Survey II ³	2
Total Hours		44-47

¹ Refer to the list of approved general education electives before enrolling in foundational skill requirements

² All students must pass the Computer Assessment OR complete applicable INFT course

³ Students transferring in 45 or more UG credit hours will have the requirements of RLGN 105 Introduction to Biblical Worldview (2 c.h.) and EVAN 101 Evangelism and the Christian Life (2 c.h.) waived; Students transferring in 60 or more UG credit hours will also have the requirements of THEO 201 Theology Survey I (2 c.h.) and THEO 202 Theology Survey II (2 c.h.) waived

⁴ PSYC 101 General Psychology (3 c.h.) is strongly recommended

Major Requirements

Code	Title	Hours
Major Foundational Courses		
BIOL 224	General Biology I ¹	4
	Chemistry Elective ^{1,2}	4
	Chemistry Elective ^{1,3}	4
MATH 126	Elementary Calculus for Business and Science ¹	3-4
	or MATH 131 Calculus and Analytic Geometry I	
MATH 201	Introduction to Probability and Statistics ¹	3
	or MATH 211 Introduction to Statistical Analysis	
	Science Elective ^{4,5}	3-4
	Science Elective ^{4,5}	3-4
Total Hours		24-27

¹ Course may fulfill select general education requirements.

² Choose CHEM 121 General Chemistry I (4 c.h.) **OR** CHEM 131 Advanced General Chemistry I (3 c.h.) **and** CHEM 135 Advanced General Chemistry Lab (1 c.h.)

³ Choose CHEM 122 General Chemistry II (4 c.h.) **OR** CHEM 132 Advanced General Chemistry II (3 c.h.) **and** CHEM 136 Advanced General Chemistry II Lab (1 c.h.)

⁴ Choose from BIOL 125 Animal Diversity and Conservation (3 c.h.), ENVR 220 Physical Geology (3 c.h.), ENVR 221 Physical Geology Laboratory (1 c.h.), PHSC 121 Introduction to Astronomy (3 c.h.), PHSC 122 Elements of Astronomy Lab (1 c.h.), PHSC 210 Elements of Earth Science (3 c.h.), PHSC 211 Elements of Earth Science Lab (1 c.h.), PHSC 311 Oceanography (3 c.h.), PHSC 312 Meteorology (3 c.h.), PHSC 313 Mineralogy and Petrology (4 c.h.), PHYS 201 General Physics I (4 c.h.), PHYS 202 General Physics II (4 c.h.), PHYS 231 University Physics I (4 c.h.), OR PHYS 232 University Physics II (4 c.h.).

⁵ PHYS 201 General Physics I (4 c.h.) and PHYS 202 General Physics II (4 c.h.), or PHYS 231 University Physics I (4 c.h.) and PHYS 232 University Physics II (4 c.h.), are recommended for graduate school

Code	Title	Hours
Major Core		
BIOL 225	General Biology II	4
BIOL 303	Microbiology	4
	or BIOL 305 Parasitology	
BIOL 310	Ecology	4
BIOL 317	Botany	4
BIOL 400	Biology Seminar	1
BIOL 408	Animal Behavior	4
BIOL 416	Comparative Animal Physiology	4
BIOL 418	Vertebrate Natural History	4
BIOL 495	Special Problems in Biology	3
	or BIOL 499 Internship	
CRST 290	History of Life	3
	or CRST 390 Origins	
	Science or Psychology Elective ¹	3-4
	Science or Psychology Elective ¹	3-4
	Science or Psychology Elective ¹	3-4
	Science or Psychology Elective ¹	3-4
	Science or Psychology Elective ¹	3-4

Code	Title	Hours
	Science Elective ²	4
Total Hours		54-59

¹ Choose any 300-400 level BIOL, CHEM, or ENVR course not already required in the major, **OR** choose PSYC 210 Developmental Psychology (3 c.h.), PSYC 255 Introduction to Research (3 c.h.), and three of the following courses: PSYC 355 Statistics in Psychology (3 c.h.), PSYC 365 Psychological Foundations of Learning (3 c.h.), PSYC 380 Physiological Psychology (3 c.h.), or PSYC 430 Abnormal Psychology (3 c.h.) (Completion of the listed PSYC courses may result in the completion of a Psychology Minor).

² Choose any 300-400 level BIOL, CHEM, or ENVR course not already required in the Major.

Code	Title	Hours
Free Electives		
	Choose 0-5 credit hours of Free Electives	0-5
Total Hours		0-5

All applicable prerequisites must be met

Graduation Requirements

- **120** Total hours
- **2.0** Overall grade point average
- **30** Hours must be upper-level courses (300-400 level)
- **Grade of 'C'** Minimum required for all upper-level courses in the major
- **25%** Of major taken through Liberty University
- **30** Hours must be completed through Liberty University
- **Grad App** Submission of Degree Completion Application must be completed within the last semester of a student's anticipated graduation date
- **CSER** All requirements must be satisfied before a degree will be awarded